

Name _____

Slope Application Worksheet

JOB #1

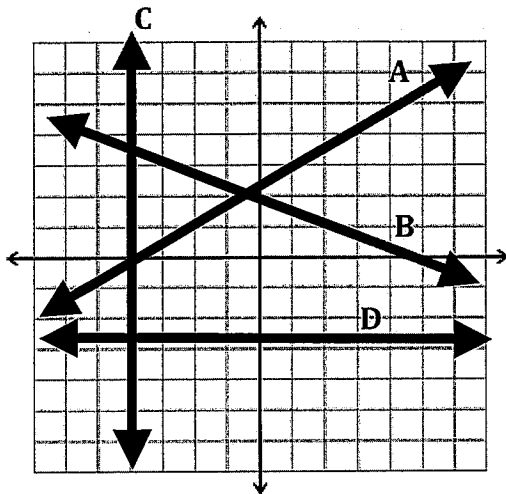
Today you practiced applying your knowledge of slope to solving real world situations. Next week, we will continue this application by looking at data for a device used every day – the cell phone.

Ask your parents for the **total number of minutes** used for your family for your cell phone(s) last month. Number of minutes _____

JOB #2

Complete the following.

What type of slope does each line have: **positive, negative, undefined, or zero?**



1) line A _____

2) line B _____

3) line C _____

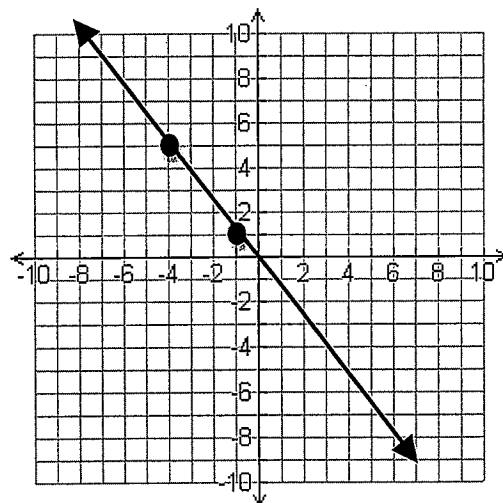
4) line D _____

5) Identify the slope, y-intercept, and equation for the following line.

$m =$

$b =$

equation:



Name _____

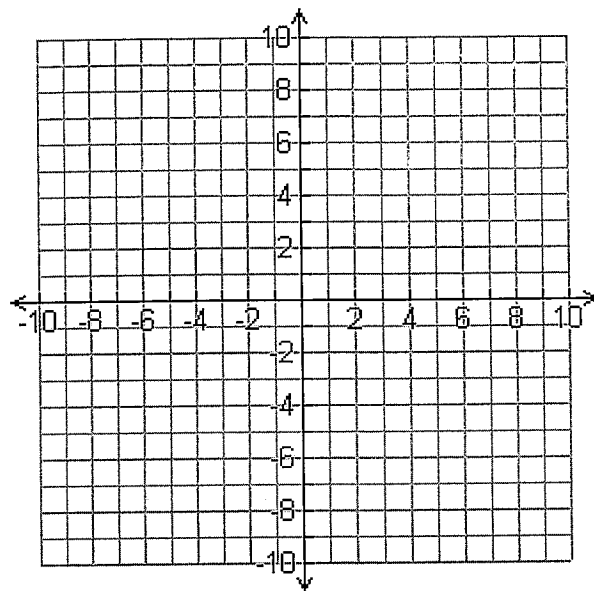
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6) Graph the equation. Identify the slope and y-intercept.

$$y = -2x - 4$$

m =

b =



7) My family is taking a trip and we want to go to the theme park with the fastest roller coaster. The Top Thrill Dragster in Cedar Point, Ohio, travels at an average 120 miles per hour. The graph shows the speed of the Superman at Six Flags Magic Mountain. Which theme park and roller coaster should we travel to? Explain.

